



Terry Tamminen  
Agency Secretary  
Cal/EPA



## Department of Toxic Substances Control

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Arnold Schwarzenegger  
Governor

February 27, 2004

Mr. Thomas Macchiarella  
BRAC Environmental Coordinator  
Southwest Division  
Naval Facilities Engineering Command  
BRAC Office  
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San Diego, California 92101-8517

FINAL CLOSEOUT REPORT, REMOVAL OF CONTAMINATED SURFACE SOIL AT  
INSTALLATION RESTORATION SITE 02 (IR02), FLEET AND INDUSTRIAL SUPPLY  
CENTER OAKLAND, ALAMEDA FACILITY/ALAMEDA ANNEX (FISCA), Alameda,  
California

Dear Mr. Macchiarella:

The Department of Toxic Substances Control (DTSC) has received the Final Closeout Report dated December 26, 2001 for IR02 located at the former FISCA site. DTSC has also received the Radiological Characterization/Final Status Survey and Sampling Project (Radiological Survey) dated August 27, 2003 for IR02. DTSC has reviewed the Closeout Report in conjunction with the Radiological Survey, and is ready to make a decision on the Closeout Report.

IR02 occupies approximately 10.65 acres in the south-central portion of FISCA. Previous investigations reveal that the top few inches of soil contained polychlorinated biphenyl (PCB) and cadmium at concentrations high enough to cause unacceptable risk to human health. On June 25, 2001, DTSC approved a Remedial Action Plan/Record of Decision (RAP/ROD) for IR02. The RAP/ROD requires excavation of surface soil at IR02 contaminated with PCB and cadmium. DTSC approved the remedial design, workplans, and workplan addendum on June 26, 2001 and August 27, 2001. The Navy completed the removal activity in the winter of 2001, and submitted draft and final closeout reports.

Upon further assessment of the past operation at IR02, DTSC identified evidence suggesting that radioactive materials were stored in the center of IR02. Prior

Mr. Thomas Macchiarella  
February 27, 2004  
Page 2

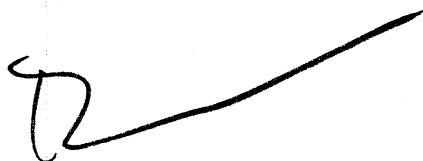
investigation efforts were not sufficient to determine whether radioactive materials were released to the environment. The Navy conducted further soil sampling and survey at IR02 in December 2002, and determined that the residual radioactivity is less than the release criteria and is similar to the background level. The California Department of Health Services reviewed the Radiological Survey, and on November 13, 2003 concluded that, with respect to radiological issues, IR02 is acceptable for unrestricted release.

DTSC has reviewed the Closeout Report and concurs that the Navy has remediated the soil contamination at IR02 pursuant to the RAP/ROD for IR02 surface soil. All confirmation samples collected after the final excavation show PCB and cadmium concentrations less than the cleanup levels. DTSC hereby determines that the soil remediation at IR02 is complete.

No further physical action is necessary to remediate PCB and cadmium in the soil at IR02. Final decision on residential use in the western one-third of IR02 will depend on the results of the ongoing groundwater investigation, and adequate remediation of the benzene plume. If the foregoing allow DTSC to conclude that residential use is appropriate, DTSC will record a release of the existing land use restriction.

If you have any question, please call me at (510) 540-3772.

Sincerely,

A handwritten signature in black ink, appearing to be 'D. Murphy', with a long horizontal stroke extending to the right.

Daniel E. Murphy, P.E.  
Unit Chief, Northern California Operations  
Office of Military Facilities

cc: Mr. Lou Ocampo  
Remedial Project Manger  
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Mr. Thomas Macchiarella  
February 27, 2004  
Page 3

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